IGMC-1011GF/1011GP

>> *Industrial Slim Type Gigabit Ethernet media converter*

- Supports auto-negotiation and auto-MDI/MDI-X in 10/100/1000 Base-T(X) ports
- Support 1000Base-X Fiber or SFP port
- Jumbo Frame supports to 10240 Bytes
- Redundant power inputs with reverse polarity protection

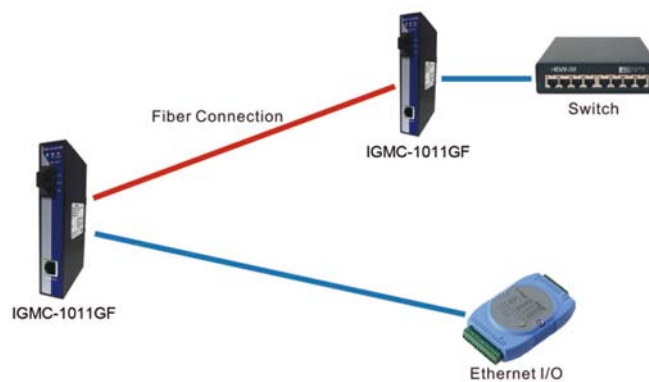**5** Industrial Media Converter

> Features

- Supports 1 ports 10/100/1000Base-T(X) auto-negotiation and auto-MDI/MDI-X
- Supports 1 port 1000Base-X multi-mode/single-mode or SFP port
- Supports Jumbo Frame up to 10240 Bytes

- Wide operating temperature range from -40 °C to 70°C
- Relay output to carry capacity of 1A at 24 VDC
- Rigid IP-30 housing design
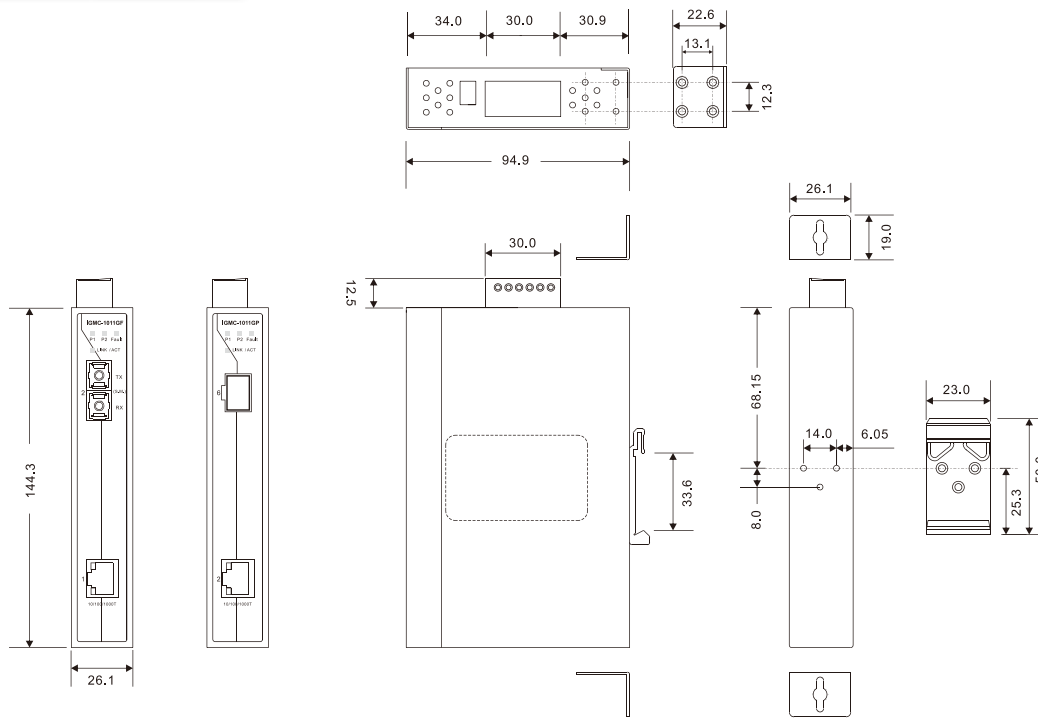- DIN-Rail and panel mounting enabled

> Introduction

IGMC-1011GF/IGMC-1011GP are industrial gigabit media converters provide media conversion between 10/100/1000Base-T(X) and 1000Base-X. IGMC-1011GF/IGMC-1011GP series are rigid IP-30 housing design and supporting an operating temperature of -40 to 70˚C. Therefore, the IGMC-1011GF/IGMC-1011GP is reliable media converter and can satisfy most demand of operating environment.

Connections of Media Converter

Company Overview

Key Technologies

New Products

Product Selection Guide

Industrial Ethernet Switch

Industrial Media Converter

Industrial Device Server

Industrial Wireless Solution

Industrial Serial Card

USB Server

Accessories

> Dimension

(Unit=mm)

> Specifications

ORing Media Converter Model	IGMC-1011GF-MM	IGMC-1011GF-SS	IGMC-1011GP
Physical Ports			
10/100/1000Base-T(X) Ports in RJ45 Auto MDI/MDIX	1	1	1
1000Base-FX Multi-mode ports (550M, 850nm, SC connector)	1	-	-
1000Base-FX Single-mode ports (10KM, 1310nm, SC connector)	-	1	-
1000Base-X SFP port	-	-	1
Technology			
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-T(X) IEEE 802.3ab for 1000Base-T IEEE802.3z for 1000Base-X		
Jumbo Frame	10240 Bytes		
LED Indicators			
Power / Indicator	Green : Power LED x 2		
Fault Indicator	Amber : Indicate power failure		
10/100/1000Base-T(X) RJ45 Port Indicator	Green for port Link/Act. Amber for 100Mbps indicator		
1000Base-X Port Indicator	Green for port Link/Act		
Fault contact			
Relay	Relay output to carry capacity of 1A at 24 VDC		

Dip Switch	Relay output function enable / disable by dip switch		
Power			
Input Power	Dual 12~ 48 VDC power inputs in 6-pin terminal block		
Power Consumption (Typ.)	3.5 Watts		
Overload Current Protection	Present		
Reverse Polarity Protection	Present on terminal block		
Physical Characteristic			
Enclosure	IP-30		
Dimension (W x D x H)	26.1(W) x 94.9(D) x 144.3(H) mm (1.03x3.74x5.68 inch.)		
Weight (g)	400 g	400 g	380g
Environmental			
Storage Temperature	-40 to 85°C(-40 to 185°F)		
Operating Temperature	-40 to 70°C (-40 to 158°F)		
Operating Humidity	5% to 95% Non-condensing		
Regulatory approvals			
EMI	FCC Part 15, CISPR (EN55022) class A		
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11		
Shock	IEC60068-2-27		
Free Fall	IEC60068-2-32		
Vibration	IEC60068-2-6		
Safety	EN60950		
Warranty	5 years		

> Ordering Information

IGMC-1 AA B CC - DD - EE

Code Definition	10/100/1000Base-T(X) Port Numbe	1000Base-X Fiber Port Number	Fiber Port Type	Fiber Optical Mode	Fiber Optical Connector
Option	- **01:** 1 port	- **1:** 1 port	- **GF :** 1000Base-X Fiber - **GP :** 1000Base-X SFP	- **MM :** Multi-mode - **SS :** Single-mode	- **SC :** SC connector

	Model Name	Description	Operating Temperature
Available Model	IGMC-1011 GF-MM-SC	Industrial Gigabit media converter with 1x10/100/1000Base-T(X) and 1x1000Base-SX , multi-mode	**Regular model** (-40 to 70°C)
	IGMC-1011 GF-SS-SC	Industrial Gigabit media converter with 1x10/100/1000Base-T(X) and 1x1000Base-LX , single-mode	
	IGMC-1011 GP	Industrial Gigabit media converter with 1x 10/100/1000Base-T(X) and 1x1000Base-X SFP	